

November 15, 2004

RE: NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS: INDUSTRIAL, COMMERCIAL, AND INSTITUTIONAL BOILERS AND PROCESS HEATERS; 40 CFR 63, SUBPART DDDDD

On September 13, 2004, the Environmental Protection Agency (EPA) published the *National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters*. The final rule applies to boilers and process heaters, as defined in section 63.7575 of the rule, that are located at or are part of a major source of hazardous air pollutants (HAP) emissions. You have received this correspondence because the Department has determined that your facility may operate units subject to the referenced NESHAP.

A boiler is defined as an enclosed device using controlled flame combustion and having the primary purpose of recovering thermal energy in the form of heat or hot water. Waste heat boilers are excluded from this definition. An industrial boiler is defined as a boiler used in manufacturing, processing, mining, and refining or any other industry to provide steam, hot water, and/or electricity. A commercial/institutional boiler is defined as a boiler used in commercial establishments or institutional establishments such as medical centers, research centers, institutions of higher learning, hotels, and laundries to provide electricity, steam, and/or hot water. A process heater is defined as an enclosed device using controlled flame, that is not a boiler, and the unit's primary purpose is to transfer heat indirectly to a process material (liquid, gas, or solid) or to a heat transfer material for use in a process unit instead of generating steam. Process heaters are devices in which combustion gases do not directly come in contact with process materials. Process heaters do not include units used for comfort heat or space heat, food preparation for on-site consumption, or autoclaves.

Existing units must be in compliance with this subpart no later than September 13, 2007. New or reconstructed units must be in compliance with this subpart at startup or by November 12, 2004, whichever is later. Hot water heaters as defined in section 63.7575 are also exempt from this rule. See section 63.7491 of the rule for other exemptions.

The final rule specifies the submission of an Initial Notification to the Department and the EPA no later than one hundred twenty (120) calendar days after a source becomes subject to the standard (i.e., by March 12, 2005, for existing sources). Some small boilers and process heaters have no notification requirements or emissions limits (see section 63.7506(c) of rule). Some boilers and process heaters have no emission limits and are only required to submit an Initial Notification (see section 63.7506(b) of rule). Other units are required to submit an Initial Notification and meet emission limits and monitoring, testing, recordkeeping, and other reporting requirements as outlined in the regulation.

October 12, 2004

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The final rule may be obtained from *Federal Register/Volume 69, No. 176/Monday, September 13, 2004 (starting on page 55218)*, or at the following Internet address: <http://www.epa.gov/ttn/atw/boiler/boilerpg.html>. Copies of the fact sheet, applicable compliance dates, and a summary of the emission limits are enclosed for your convenience. Other compliance information is available on EPA's website.

Please forward the Initial Notification to the Department and to the EPA at the following addresses:

SCDHEC-BAQ	EPA Region 4
Frank Cramer Air Toxics Section 2600 Bull Street Columbia, SC 29201	Beverly H. Banister, Director Air, Pesticides and Toxics Management Division Atlanta Federal Center 61 Forsyth Street Atlanta, GA 30303-3104

Please note that per the attached memorandum from EPA Region 4 dated April 25, 2003, all periodic reports required by 40 CFR 63.10 (General Provisions) must be submitted to the Department, and only the cover letter needs to be submitted to the EPA. This applies only to periodic reports and does not apply to notifications required by §63.9. Please send a complete copy of all notifications to the Department and to EPA Region 4.

For more information concerning the final regulation, you may contact me at (803) 898-3218 or crameref@dhc.sc.gov.

Sincerely,

Frank Cramer
Air Toxics Section
Bureau of Air Quality

Enclosures (Fact sheet, Compliance Timeline, Emissions Limits Table)

ec: EQC District Offices
BAQ Permitting Division
Air Toxics Section